CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 28 April 2005 (28.04.2005)

PCT

(10) International Publication Number WO 2005/037272 A1

- (51) International Patent Classification⁷: A61K 31/4184, C07D 235/14, 407/06, 409/06, A61P 31/04
- (21) International Application Number:

PCT/DK2004/000679

- (22) International Filing Date: 8 October 2004 (08.10.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

PA 2003 01553 60/513,891

22 October 2003 (22.10.2003) DK 23 October 2003 (23.10.2003) US

- (71) Applicant (for all designated States except US): ARPIDA A/S [DK/DK]; Vesterbrogade 188, DK-1800 Frederiksberg C (DK).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HJELMEN-CRANTZ, Anders [SE/SE]; Sidbäcksgränd 7, SE-216 20 Malmö (SE). CALI, Patrizia [IT/DK]; J.C. Christensensgade 2A, DK-2300 Copenhagen S (DK). GROTH, Thomas [DK/DK]; Bjørnsonsvej 45A, DK-2500 Valby (DK). JENSEN, Christian, Eeg [DK/DK]; Asger Rygs Gade 4, DK-1727 Copenhagen V (DK). NÆRUM, Lars [DK/DK]; Alrunevej 14, DK-2900 Hellerup (DK).
- (74) Agent: ALBIHNS A/S; H.C. Andersens Boulevard 49, DK-1553 Copenhagen V (DK).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- (48) Date of publication of this corrected version:

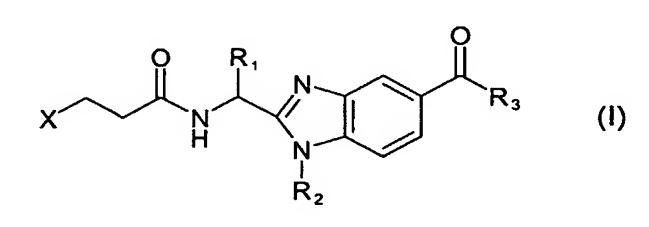
23 June 2005

(15) Information about Correction:

see PCT Gazette No. 25/2005 of 23 June 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: BENZIMIDAZOLE DERIVATIVES AND USE THEREOF AS PEPTIDE DEFORMYLASE INHIBITORS



(57) Abstract: Benzimidazole compounds of the general formula (I) and pharmaceutically acceptable salts or esters thereof are peptide deformylase inhibitors useful in the treatment or prevention of infections and other diseases in which peptide deformylases are involved, especially in the treatment of bacterial and parasitic infections, for example infections fully or partly caused by microorganisms belonging to Staphylococcus, Enterococcus, Streptococcus, Haemophilus, Moraxella, Escherichia, Mycobacterium,

Mycoplasma, Pseudomonas, Chlamydia, Rickettsia, Klebsiella, Shigella, Salmonella, Bordetella, Clostridium, helicobacter, Campylobacter, Legionella, or Neisseria.